

REMARKS

The Examiner's communication mailed December 15, 2004, has been received and carefully considered. In conformance with the applicable statutory requirements, this paper constitutes a complete reply and/or a bona fide attempt to advance the application to final action. Specifically, claims 1-11 and 16 have been cancelled. Claims 12-15 have been amended and claims 17-31 have been added. In addition, detailed arguments in support of patentability are presented. Reexamination and/or reconsideration of the application as amended are respectfully requested.

Summary of the Office Action

Claims 13-15 were indicated as containing allowable subject matter.

Claims 1-16 were indicated as being subject to a restriction under 35 U.S.C. § 121.

Claim 14 was objected to for a minor informality.

Claim 12 stands rejected under 35 U.S.C. § 102(b) as being anticipated by Salomon et al. (U.S. Patent No. 5,953,034).

Restriction Requirement

The Examiner restricted the examination of the present application under 35 U.S.C. § 121 to one of the following groups of inventions:

- I. Claims 1-11 and 16, drawn to a method of deriving motion profiles using a motor control system, classified in class 318, subclass 696.
- II. Claims 12-15, drawn to a method of motion analysis in a printer device, classified in class 101, subclass 484.

As the Examiner indicated in the Office Action, a provisional election was made without traverse to prosecute the invention of Group II, which includes claims 12-15. The election of Group II is hereby affirmed.

The right to continue prosecution of the unelected claims, i.e., claims 1-11 and 16, in one or more continuation or divisional applications is hereby retained.

Claim Objection(s)

Claim 14 has been carefully amended to resolve the claim objection noted by the Examiner.

The Drawings

From page 1 of the Office Action it is unclear whether the drawings filed on January 6, 2004, are accepted or objected to by the Examiner. Accordingly, an early indication that the drawings have been received and are acceptable is respectfully requested.

The Claims Distinguish Patentably Over the Reference(s) of Record

Claim 12, as amended, calls for the step of applying identified time constraints to a printer drum profile and a printer head profile to constrain the printer head profile to the printer drum profile. Moreover, claim 1 calls for the step of creating ***both*** a printer drum profile and a printer head profile. The Examiner asserts that Salomon et al. teaches the method of original claim 12 including the step of creating a printer drum profile and a printer head profile. Applicant respectfully disagrees and asserts that Salomon et al. neither discloses nor fairly suggests creating both a printer drum profile and a printer head profile. Moreover, with the amendment to claim 1, Applicant further asserts that Salomon et al. fails to disclose or fairly suggest the step of applying identified time constraints to the printer drum and printer head profiles for purposes of constraining the printer head profile to the printer drum profile.

Salomon et al. only mentions that rotation of print drum 111 can be accurately controlled and coordinated with the operation of print head 134 to produce a quality print. (Col. 5, lines 9-13). FIGURE 6 of Salomon et al. shows a timing diagram of a velocity profile of print drum 111 during its print cycle. Moreover, Salomon et al. discloses that print drum 111 is held at velocity V_1 between points T_1 and T_2 between which print head 134 produces variable portion 54 of a postage indicia 50 on second print surface 118 of the print drum 111. (Col. 8, lines 46-67). Despite Salomon et al.'s disclosure of a timing diagram for a print drum, there is no discussion of creating both a printer drum profile and a printer head profile. Still further, there is no discussion of applying time constraints of a respective printer drum profile and a respective printer head profile to constrain one profile to the other. Accordingly, for

at least these reasons, it is submitted that claim 12 and claims 14-15 which depend from claim 12 are in condition for allowance.

Claim 13, which was indicated as containing allowable subject matter, has been placed in independent form. Accordingly, it is submitted that claim 13 is also in condition for allowance.

New claims 17-31 generally parallel original claims 1-11 and 16, but are now more specifically directed to printer devices. Accordingly, examination and consideration of claims 17-31 is respectfully requested.

CONCLUSION

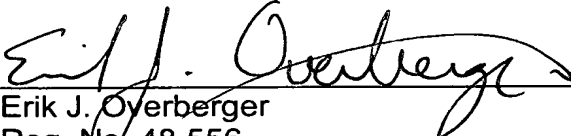
For the reasons detailed above, it is submitted that all claims remaining in the application (Claims 12-15 and 17-31) are now in condition for allowance. The foregoing comments do not require unnecessary additional search or examination.

If the Examiner is of the view that the application is not in clear condition for allowance, it is requested that the Examiner telephone the undersigned for purposes of conducting a telephone interview to resolve any outstanding differences. In any case, an early notice of allowance is earnestly solicited.

Respectfully submitted,

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Date


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